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DOCKET NO.: S1022.80938US01

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

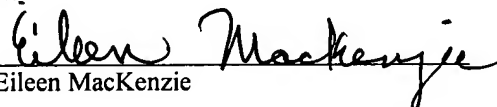
Applicant: Philippe JOUEN and Michael KRAEMER  
Serial No.: 10/675,810  
Confirmation No.: 2225  
Filed: September 30, 2003  
For: PHASE-LOCKED LOOP WITH HIGH FREQUENCY  
ADJUSTMENT OF THE OPERATING RANGE OF THE  
OSCILLATOR (Formerly PHASE-LOCKED LOOP MADE IN  
INTEGRATED CIRCUIT FORM)

Examiner: David C. Mis  
Art Unit: 2817

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 23<sup>rd</sup> day of December, 2004.

  
Eileen MacKenzie

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**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing are the following documents:

- ☒ Amendment
- ☒ Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (617)720-3500, Boston, Massachusetts.

Serial No.: 10/675,810  
Conf. No.: 2225

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Art Unit: 2817

No fee is associated with the filing of this application. Please charge any deficiency in the enclosed fee to the account of the undersigned, Deposit Account No. 23/2825. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

*Philippe JOUEN and Michael KRAEMER,*  
*Applicants*

By: 

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Tel. (617) 720-3500  
Attorneys for Applicants

Docket No.: S1022.80838US01  
Dated: December 23, 2004

**X12/28/04X**



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**AMENDMENT**

Sir:

In response to the Office Action mailed September 28, 2004, please amend the above-identified application as follows:

**Amendments to the Specification** are reflected in the listing of claims that begins on page 2 of this amendment.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 3 of this amendment.

**Remarks** begin on page 5 of this amendment.